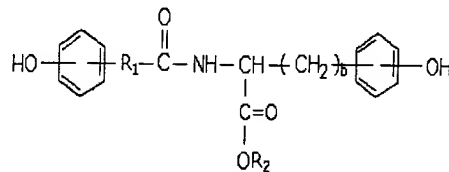


wherein R is selected from saturated and unsaturated, substituted and unsubstituted, alkyl and alkylaryl groups containing up to 18 carbon atoms;

B1
amended

Please amend the paragraph at page 7, lines 8-24 to read as follows:

The polyarylate copolymers of the present invention having ether linkage-containing side chains are the condensation product of a dicarboxylic acid with a tyrosine-derived diphenol compound having at least one side chain containing at least one ether linkage. These diphenol compounds are novel and non-obvious in view of their unexpected ability to condense with a dicarboxylic acid to form a polyarylate copolymer that is unexpectedly both a good cell growth substrate and very hydrophobic. Therefore, according to another aspect of the present invention, a tyrosine-derived diphenol compound is provided having the structure of Formula II:



wherein R_1 , R_2 , and b are the same as described above with respect to Formula I, with the proviso that R_2 , and/or, when R_1 is $-\text{CHNL}_1\text{L}_2$, at least one of L_1 and L_2 , contains at least one ether linkage.

IN THE CLAIMS

Please amend Claims 1-3, 5, 9, 10, 14, 17-21, 23, 24, 26 and 27 as follows:

B2
sub

1. (Amended) A copolymer library comprising a plurality of different copolymers, each separately polymerized from (1) a first monomer selected from the group consisting of a first homologically varying series of monomers with the same polymerizable functional groups; and (2) a second monomer selected from the group consisting of a homologically varying series of second monomers having the same polymerizable functional groups that are reactive with the polymerizable functional groups of said first series of monomers to form copolymers.